



- SIMPLE TO OPERATE
- FOUR INDEPENDENTLY CONTROLLED COLOR SIGNALS
- JOYSTICK CONTROL FOR HUE, SATURATION AND BRIGHTNESS
- BLANKED SUBCARRIER
- FCC-LEGAL AMPLITUDE AND STABILITY

### TYPE 310 QUAD COLORIZER

The Vista Systems TYPE 310 QUAD COLORIZER provides four video color signals which may be independently controlled in respect to hue, saturation and brightness. Each colorizer is controlled through a joystick. When the joystick is centered, no color subcarrier is produced, resulting in black, gray, or white depending on rotation of the joystick knob which controls brightness. Movement of the joystick from the center produces color, with saturation proportional to displacement from center and hue dependent on the direction of the displacement. Thus all parameters of a color signal can simultaneously be varied smoothly and continuously with one hand.

The output from each colorizer is a blanked subcarrier meeting all broadcast requirements for amplitude and stability. Although the TYPE 310 can be used in any NTSC video system, it achieves maximum effect when combined with the Vista TYPE 110 EIGHT-LEVEL MULTIKEYER and TYPE 210 QUAD VIDEO MIXER.

### SPECIFICATIONS:

**Range of Subcarrier Phase:** 0° through 360°, continuous.

**Range of Subcarrier Amplitude:** 0 volts through 1 volt peak-to-peak continuous.

**Range of Brightness Level:** Black through white, continuous.

**Output, Each Colorizer:** Standard EIA non-composite video levels into 75 ohms.

**Subcarrier Input:** From system subcarrier source at 2 volts peak-to-peak, 75 ohms.

**Blanking Input:** From system blanking source at 4 volts peak-to-peak, 75 ohms.

ORDER: TYPE 310 QUAD COLORIZER .....\$ 3,600.00  
Option 01: Rear Panel Connectors ..... N/C

*For the name of your nearest Vista representative or distributor.*

## VISTA SYSTEMS

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